PATENT APPLICATION

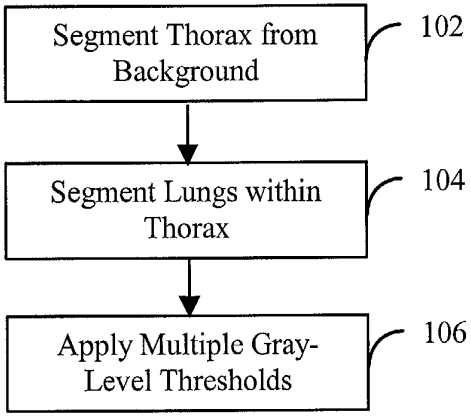


Figure 1(a)

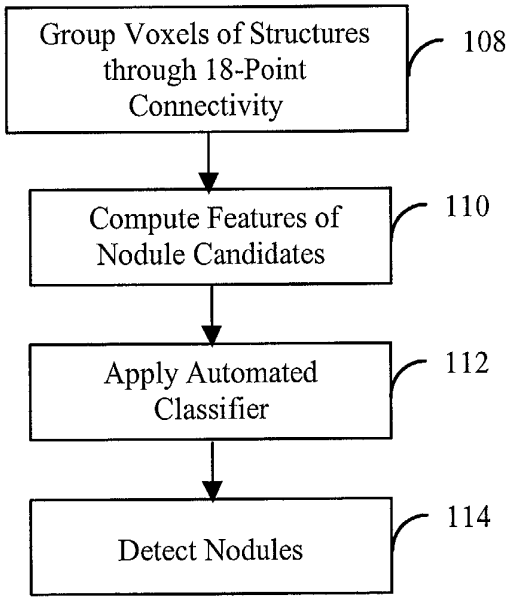
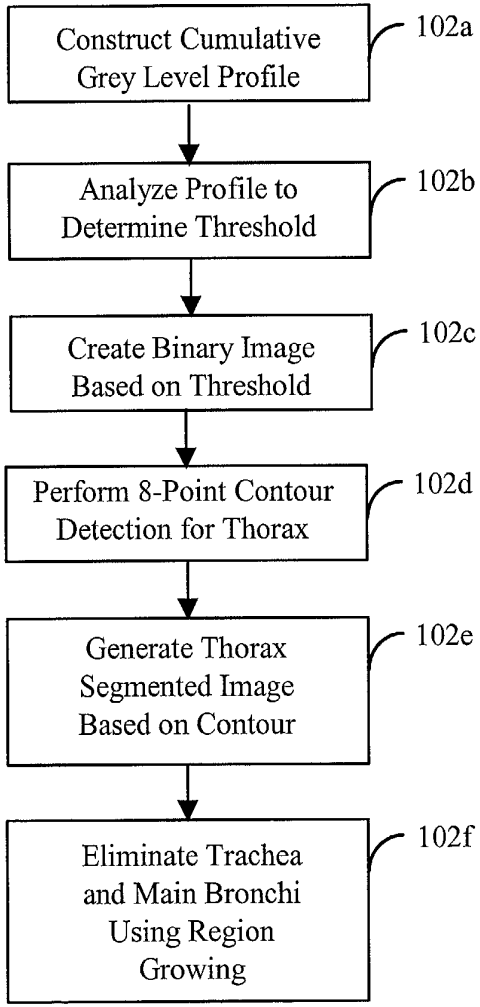


Figure 1(b)



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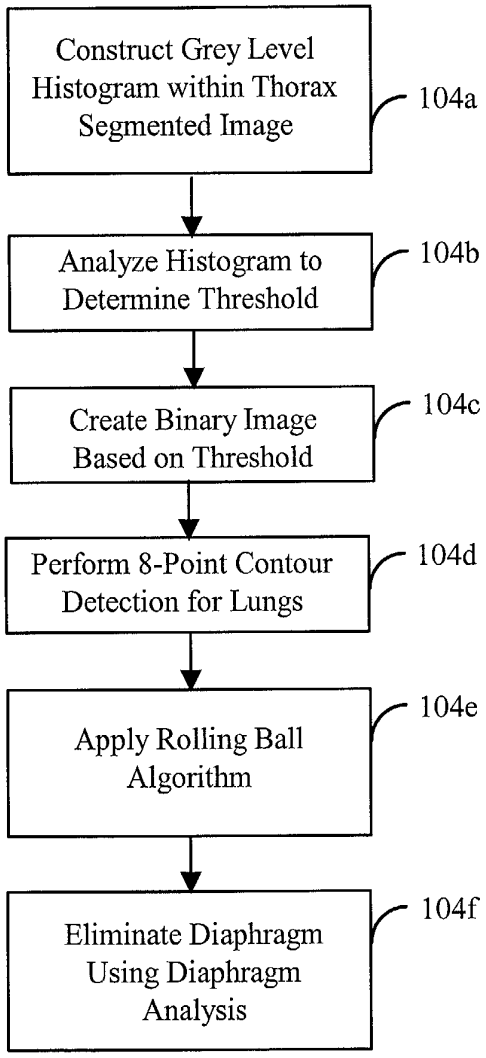


Figure 1(d)

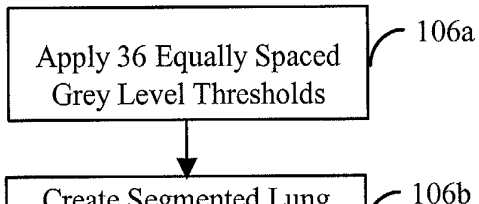
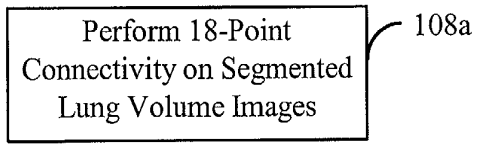


Figure 1(e)



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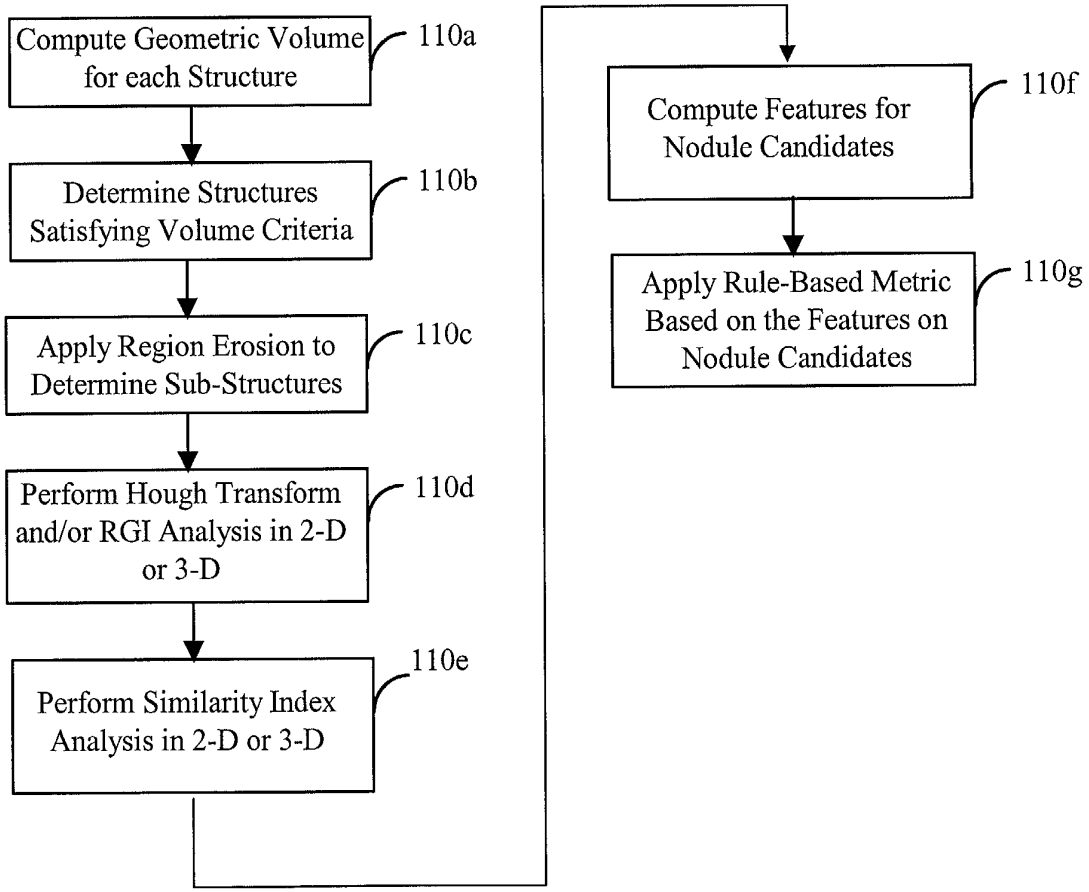

Figure 1(g)

Figure 2(a)

Apply Automated Classifier on Features of Remaining Nodule Candidates — 112a

Figure 1(h)

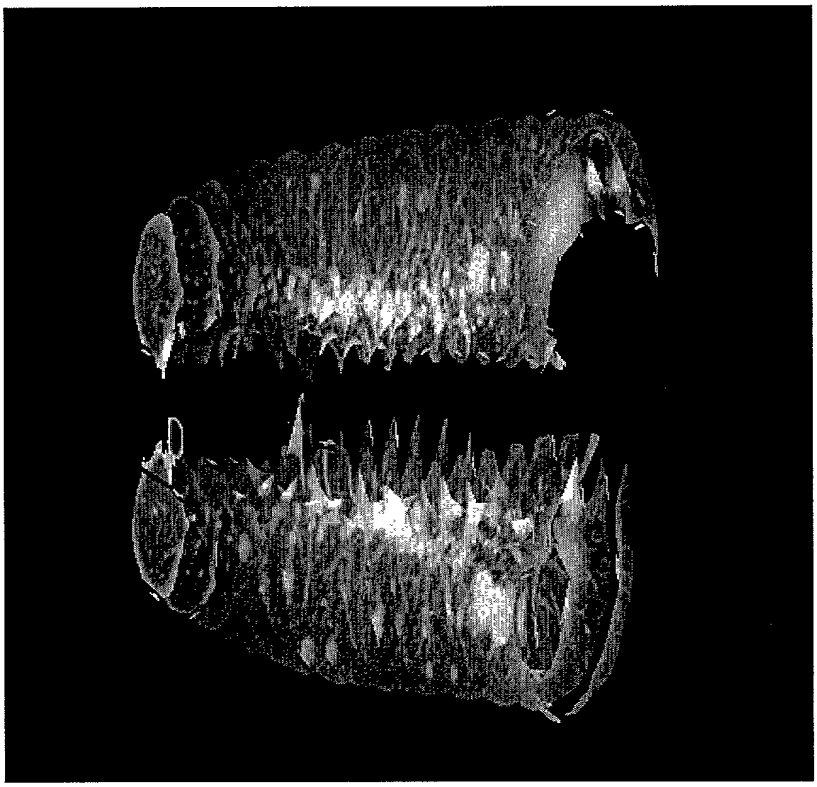

Figure 3

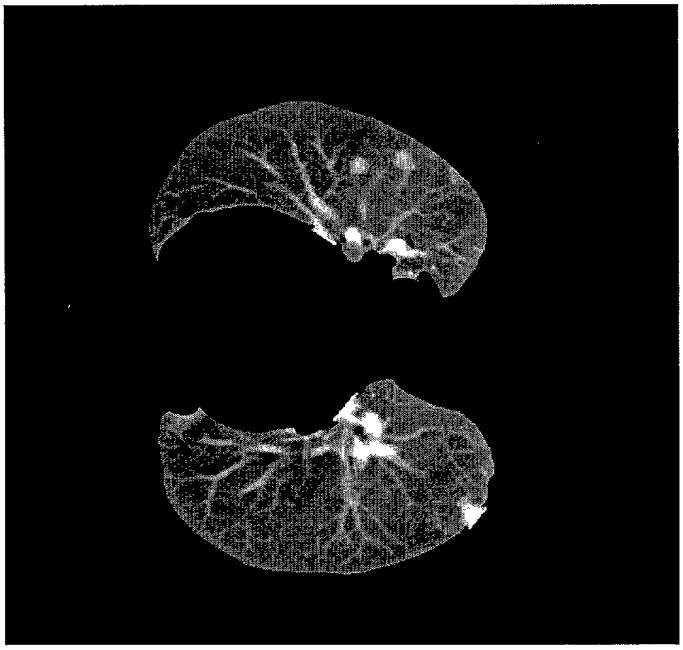

Figure 2(b)

Figure 4(b)

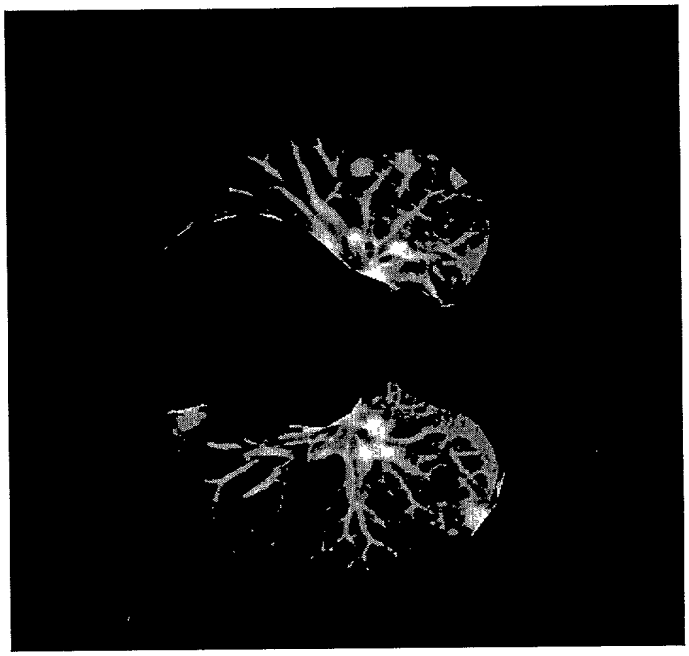

Figure 4(a)

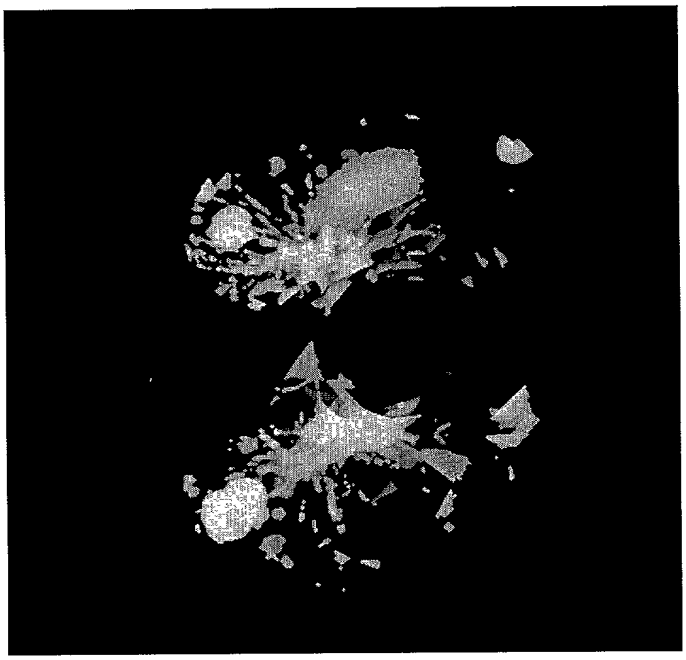

Figure 5(b)

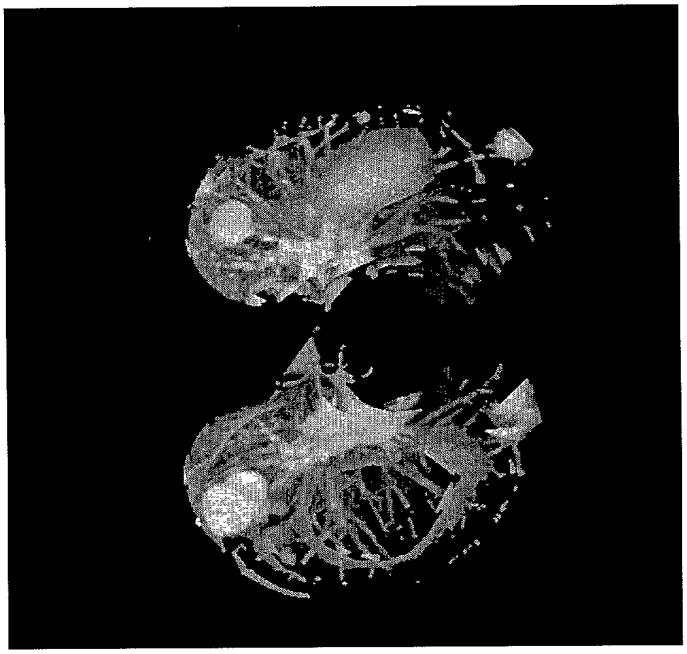

Figure 5(a)

Figure 8(d)

Figure 8(c)

Figure 9

Figure 7(b)

Figure 8(b)

Figure 8(a)

Figure 7(a)

Figure 6

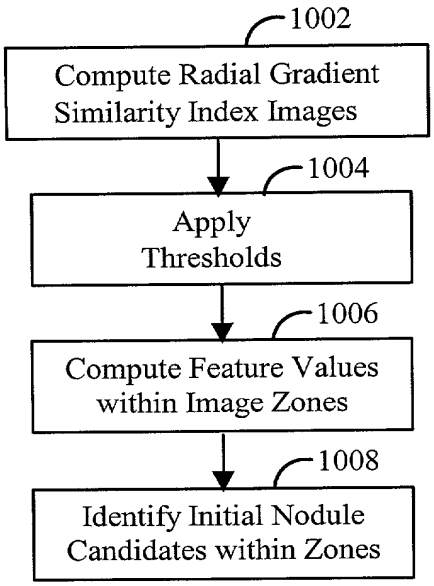

Figure 10

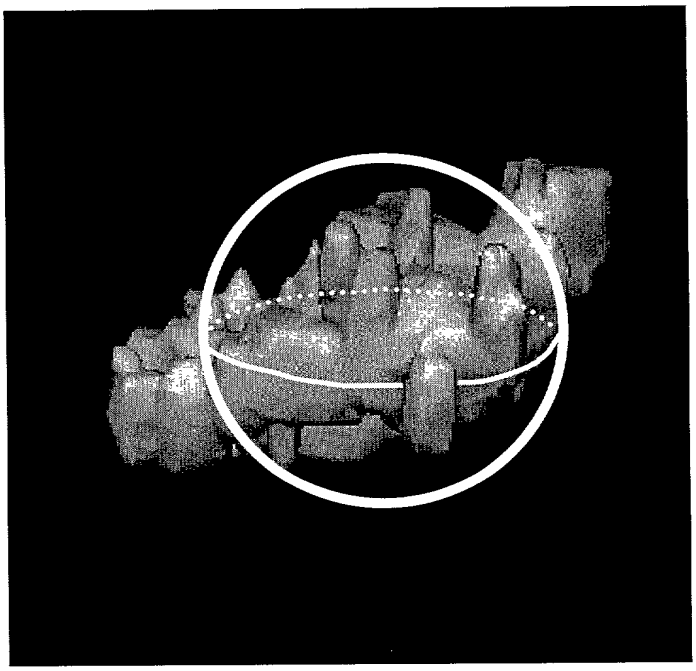

Figure 11

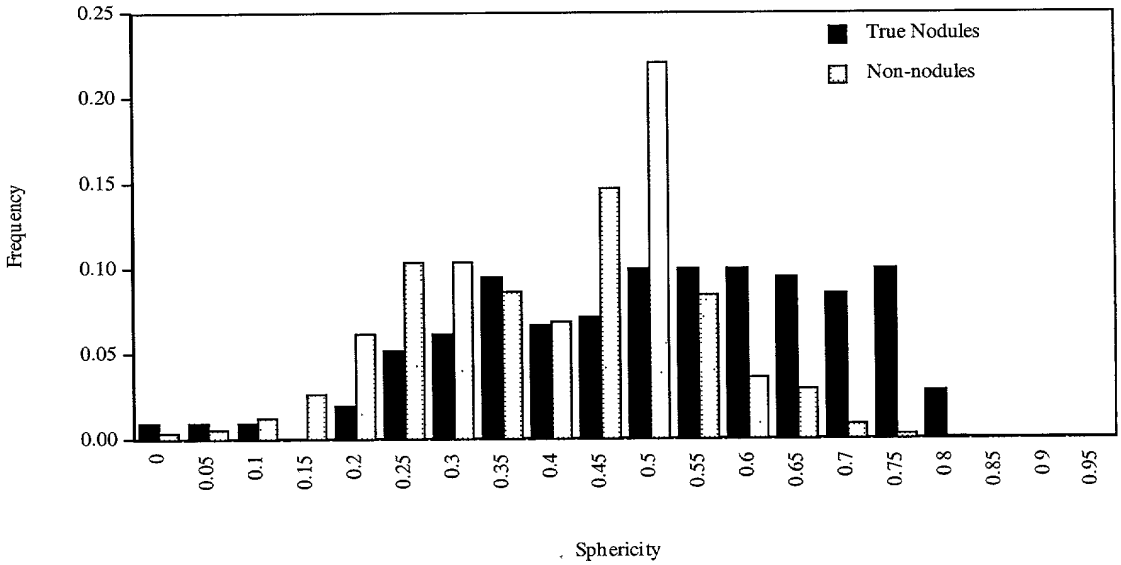

Figure 12(a)

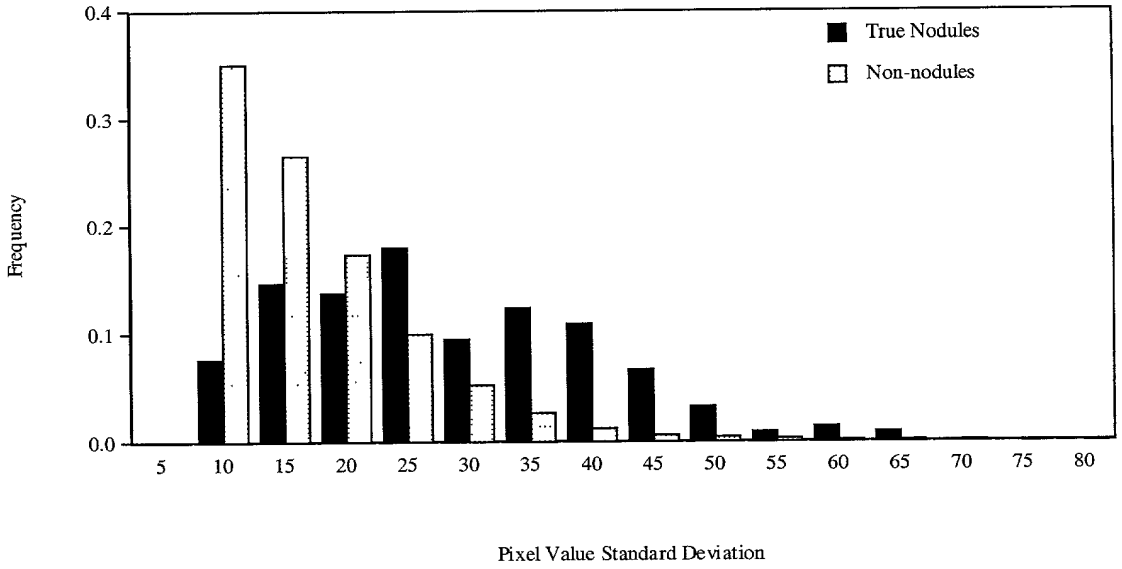

Figure 12(b)

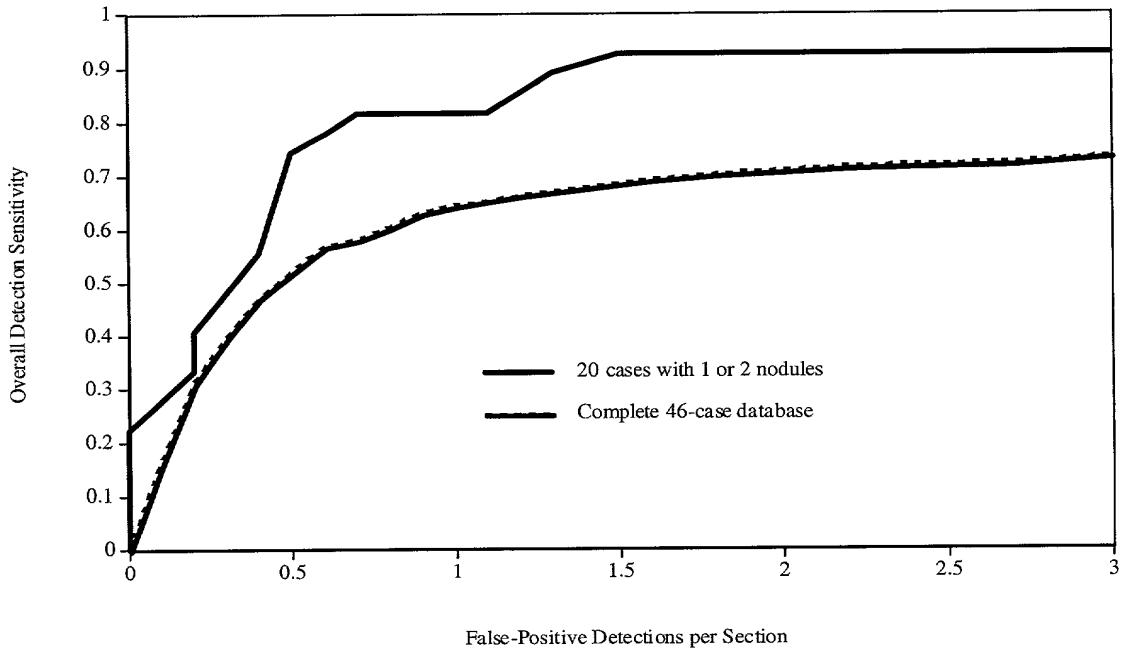

Figure 13

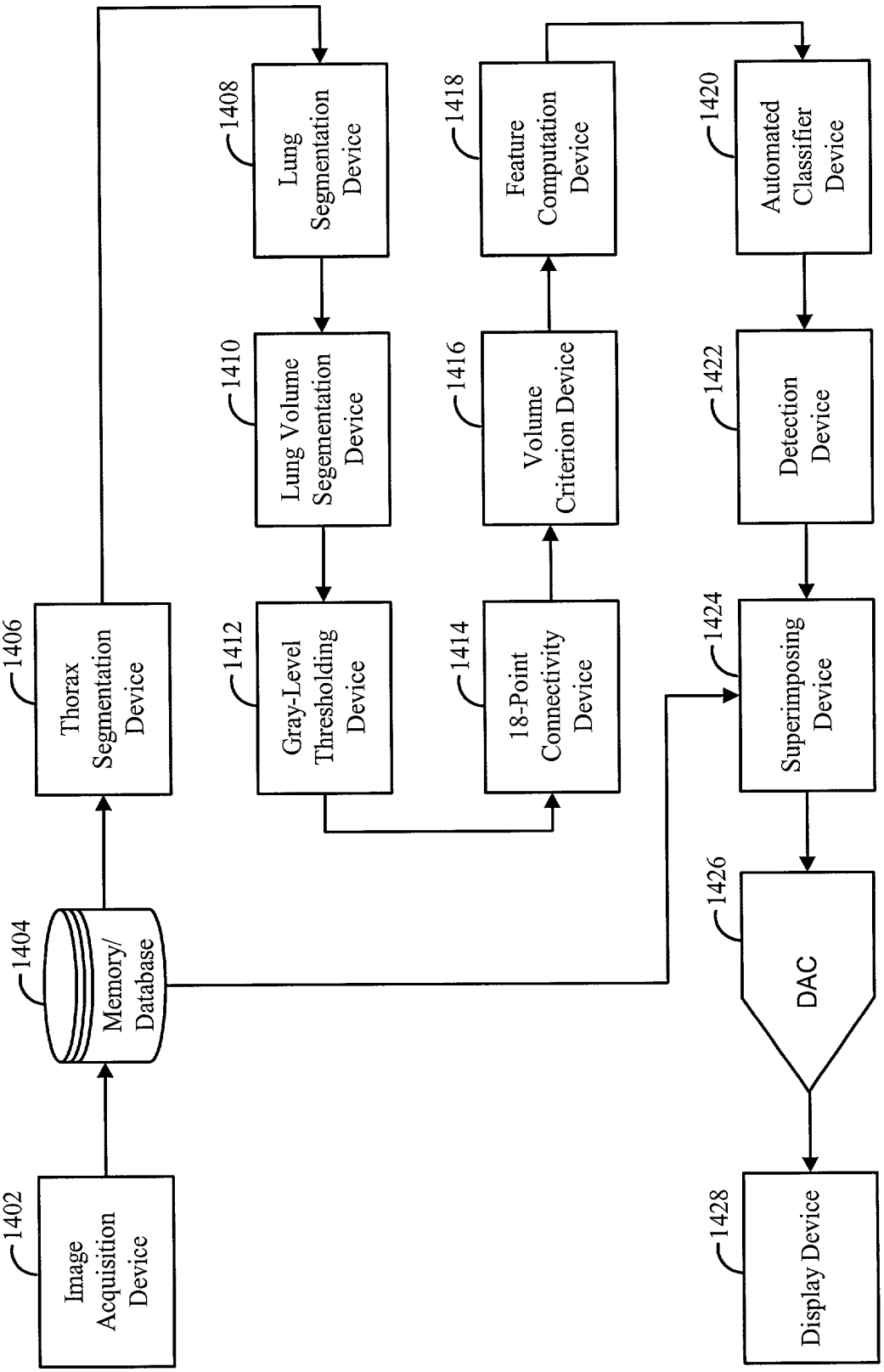
1402
Image Acquisition Device
1404
Memory/ Database
1406
Thorax Segmentation Device
1408
Lung Segmentation Device
1410
Lung Volume Segementation Device
1412
Gray-Level Thresholding Device
1414
18-Point Connectivity Device
1416
Volume Criterion Device
1418
Feature Computation Device
1420
Automated Classifier Device
1422
Detection Device
1424
Superimposing Device
1426
DAC
1428
Display Device

Figure 14

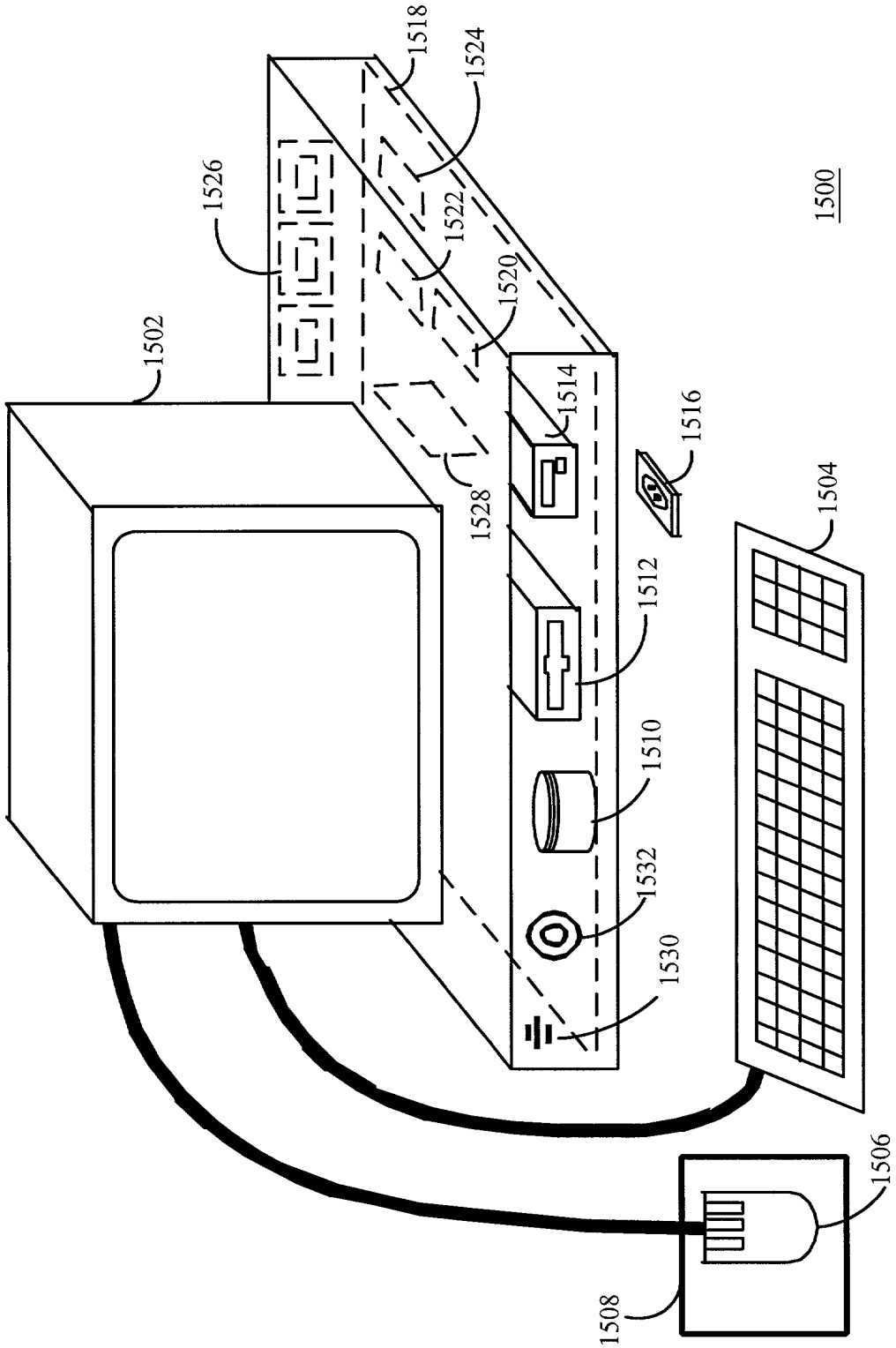
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Figure 15